PowerTerm® WebConnect LPD client

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Introduction

WebConnect LPD client implements the LPD (Line Printer Daemon) side of the LPD/LPR protocol. As a WebConnect client, the LPD client benefits from the central user profile management. This manifests itself in the central configuration storage capability, queue quota limitations, gateway services and user access security capability.
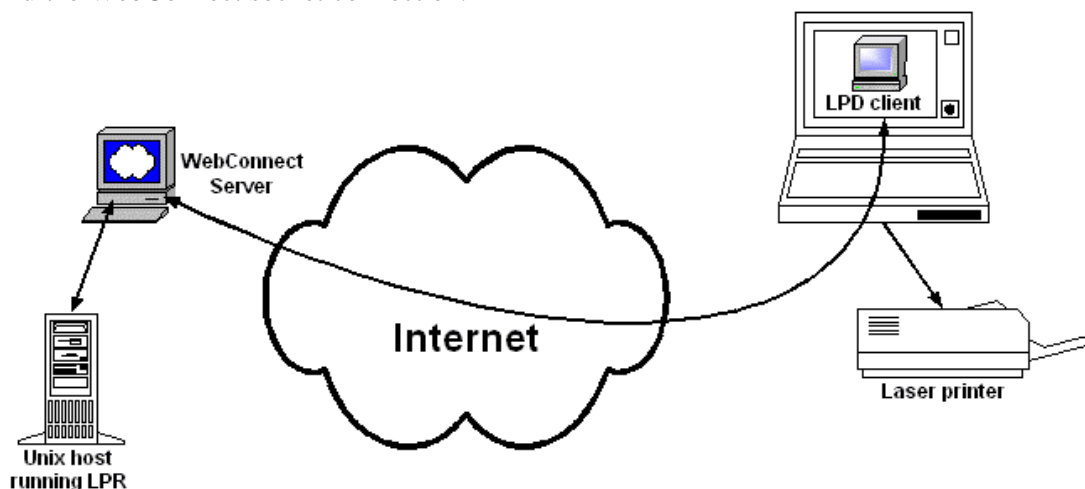
Typical Usage

Below you can see an example of usage of the WebConnect LPD client which takes advantage of all the capabilities of being part of WebConnect.

Topology

- The LPR is running on a host system (Unix).
- The WebConnect LPD client has a *registered queue* on the WebConnect server.
- The WebConnect server is waiting for LPR requests (on the standard LPD port 515).

Flow

The LPR sends a print job request for the *registered queue* to the WebConnect server. The WebConnect finds the LPD client owning the *registered queue* and routes the request to it thru the WebConnect socket connection.

Limitation

A user can use only one LPD client at a time.

To initially deploy the WebConnect LPD client:

1. Copy the necessary URL for PowerTerm LPD Client (for example *http://YEHUDA1/Ericom/WebConnect4.11/LPD/Client.html*) to the URL locator in your browser and press **Return**. The *PtLpd 4.11 Login* dialog appears.
2. Type in your **User Name** as known by the WebConnect server.
3. Type in your **Password** and click **Login**. The *PowerTerm WebConnect 4.11 LPD Client* window appears.
4. Click **Edit | New Queue** . The *New Queue* dialog appears.
5. Type in the desired **Queue Name** .
   Note: Register on WebConnect Server is necessary whenever you want the WebConnect Server to act as a gateway.
6. Click **OK**. The LPD client is ready to receive LPR requests.

Fine Tuning

In the **PtServer.ini** configuration file, section [**Server**]:

- **LPD-ListenPort** specifies the port used by the WebConnect server in order to listen to LPR client. A connecting LPR uses the WebConnect server as a gateway to the registered LPD queue. The symbolic value **<Default>** specifies the standard LPD/LPR protocol port 515, **<None>** specifies no LPD/LPR gateway support.
- **LPD-QueuesQuotaVarName** specifies the name of the WebConnect environment variable that holds the per-LPD client queues quota (the number of queues that are allowed to be registered at one time to the WebConnect server by a LPD client). The default value is **LPD_QueuesQuota**. If the variable is not specified, it is assumed that its value is **1** (one registered queue per LPD client allowed). A non-numeric value or a negative one means that the user is not allowed to use the LPD client at all. When **0** (zero), then only unregistered queues are allowed.
- **LPR-UseConnectingMachineName** has the same meaning like the entry **UseConnectingMachineName** in the **ConnectionPoint** table. See the WebConnect Administration Tool manual.

New **LogFlags** values for LPD/LPR:

- **LPD** - The most essential events, like registering/unregistering queues, opening/closing a LPR request.
- **DbgLprData** - Traces the LPD/LPR subcommands.

HTML Modification

The methods that are exposed are similar to those in the WebConnect ActiveX client. For further information refer to the WebConnect Administration Tool online help.